# RQ73C1J5K49BTD ✔ ACTIVE

Holsworthy | Holsworthy RQ73

TE Internal #: 2176371-8

5.49K ohm, Thin Film, Precision Resistor, .1 %, 0603, .166 W, ±10 ppm/°C, Solder, 2 Terminations, .45 mm [.018 in] Height, Holsworthy RQ73

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0603**

Power Rating: **.166 W**

Resistance Value: **5.49K Ω**

## Features

### Product Type Features

| | |
|---|---|
| Shelf Life | 2 Years |
| Resistor Type | Precision Resistor |
| Element Type | Thin Film |
| Package Size Code | 0603 |

### Configuration Features

| | |
|---|---|
| Number of Resistors | 1 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 75 V |
| Power Rating | .166 W |
| Resistance Value | 5.49K Ω |
| Resistance Class | 1kΩ – 1MΩ |
| Passive Component Tolerance | .1 % |

### Termination Features

| | |
|---|---|
| Surface Mount Resistor Termination Type | Solder |

| | |
|---|---|
| Number of Terminations | 2 |

## Dimensions

| | |
|---|---|
| Product Height | .45 mm[.018 in] |
| Product Length | 1.55 mm[.061 in] |
| Product Width | .8 mm[.031 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 155 °C[-67 – 311 °F] |
| Temperature Coefficient | ±10 ppm/°C |

## Industry Standards

| | |
|---|---|
| Industry Standard | AEC-Q200 Compliant |
| ESD HBM Classification | 0 |
| Moisture Sensitivity Level | 1 |

## Packaging Features

| | |
|---|---|
| Packaging Method | Taped & Reeled |

## Other

| | |
|---|---|
| Passive Component Comment | Shelf Life Based on Date of Manufacture |

# Product Compliance

For compliance documentation, visit the product page on TE.com>

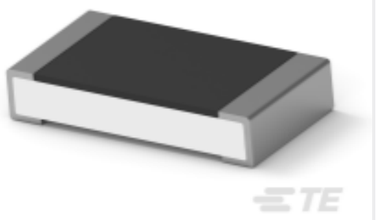
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Reflow solder capable to 260°C |

Product Compliance Disclaimer

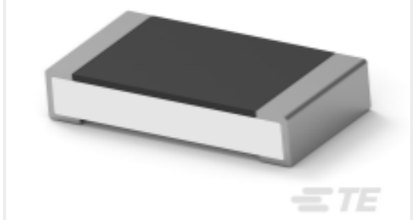
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent

chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

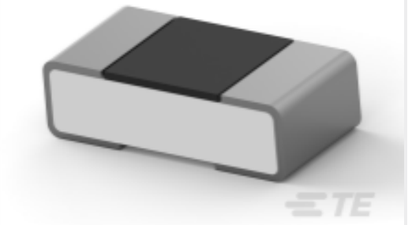
## Compatible Parts



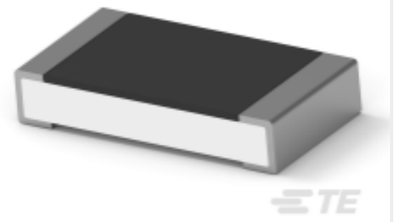
TE Part # 8-2176385-0
RQ 1206 7K68 0.1% 10PPM 1K RL



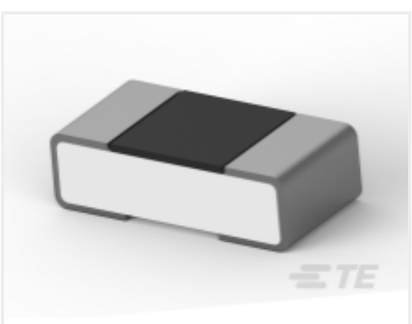
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RQ 1206 154K 0.1% 10PPM 1K RL



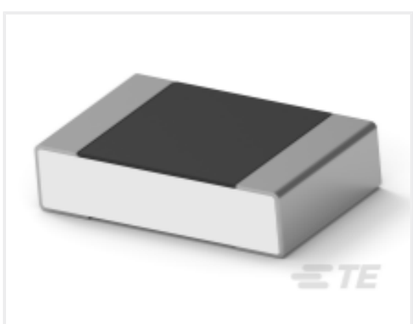
TE Part # 3-2176361-7
RQ 0402 11K 0.1% 10PPM 1K RL



TE Part # 5-2176391-0
RQ 1206 40K2 0.1% 10PPM 5K RL



TE Part # 1-2176362-7
RQ 0402 59R 0.1% 10PPM 5K RL



TE Part # 1-2176375-5
RQ 0805 1K62 0.1% 10PPM 1K RL



TE Part # 1-2176364-7
RQ 0402 6K81 0.1% 10PPM 5K RL



TE Part # 1-2176372-6
RQ 0603 71K5 0.1% 10PPM 5K RL



TE Part # 1-2176375-4
RQ 0805 1K58 0.1% 10PPM 1K RL



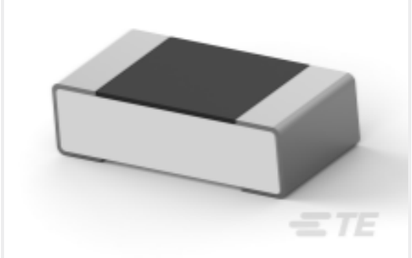
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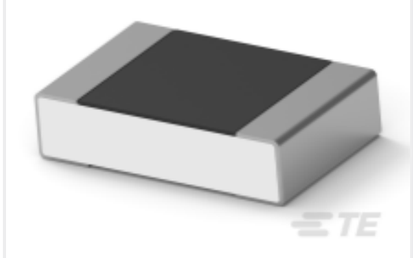
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RQ 0805 14R 0.1% 10PPM 5K RL



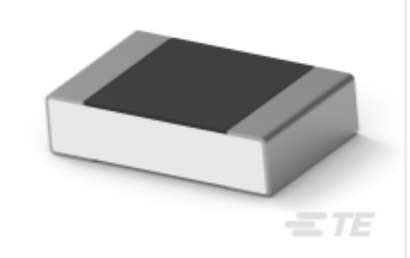
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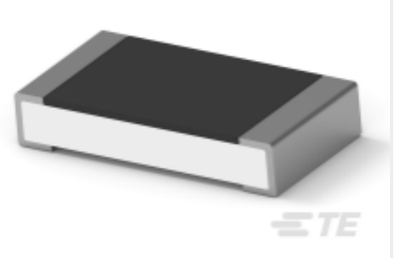
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RQ 0603 49K9 0.1% 10PPM 5K RL



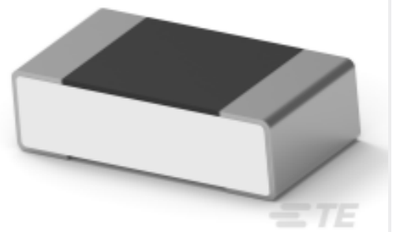
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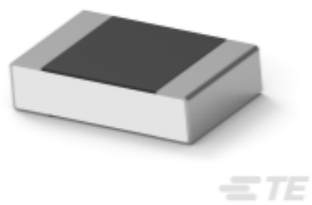
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RQ 0805 10R5 0.1% 10PPM 5K RL



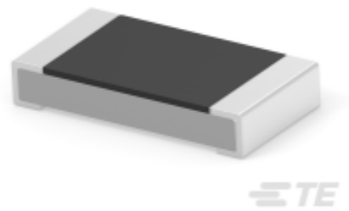
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RQ 1206 14K 0.1% 10PPM 5K RL



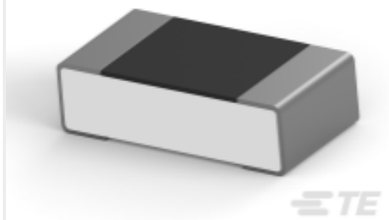
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RQ 0603 787R 0.1% 10PPM 1K RL



TE Part # 2-2176377-9
RQ 0805 261K 0.1% 10PPM 1K RL

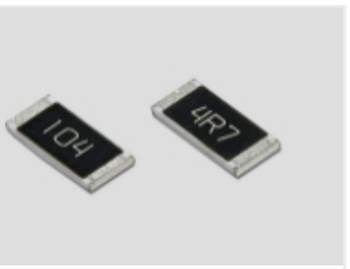


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RQ 1206 249K 0.1% 10PPM 5K RL



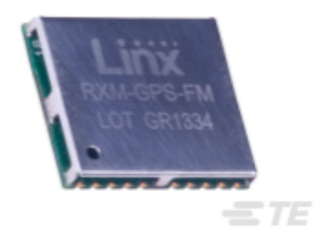
TE Part # 2-2176365-6
RQ 0603 73R2 0.1% 10PPM 1K RL

## Also in the Series | Holsworthy RQ73




Surface Mount Resistors(1954)

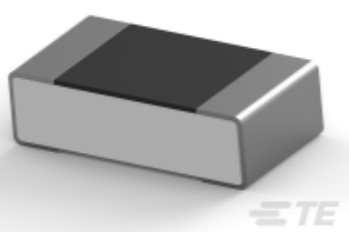
## Customers Also Bought



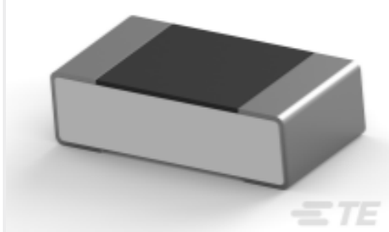

TE Part #RXM-GPS-FM-T
Module FM L1 GPS RX RCVR T&R



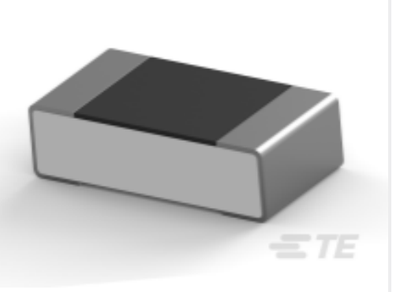

TE Part #1-1478762-5
METAL BACKSHELL 15 WAY TOP E



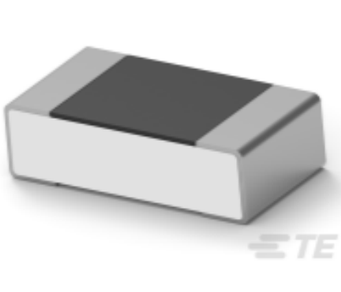
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RQ 0603 634R 0.1% 10PPM 5K RL



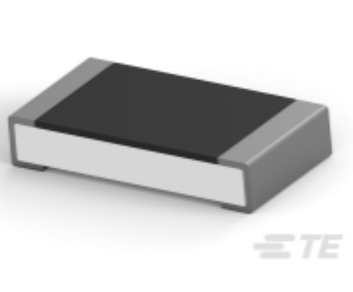
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RQ 0603 1K07 0.1% 10PPM 5K RL



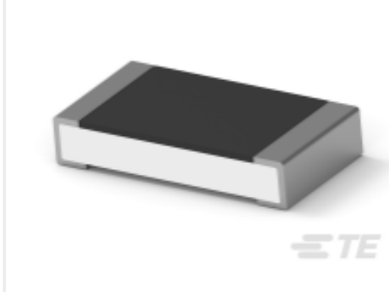
TE Part #9-2176370-7
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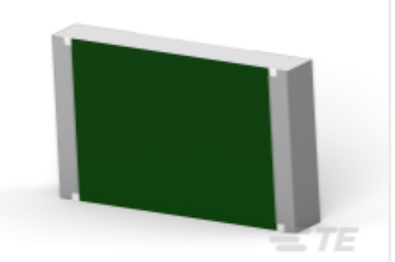
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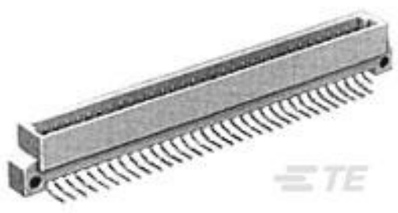
TE Part #8-2176388-1
RQ 1206 68R1 0.1% 10PPM 5K RL



TE Part #6-2176389-0
RQ 1206 442R 0.1% 10PPM 5K RL



TE Part #2176400-3
3540 1R2 1%



TE Part #5536052-5
ASSY,PIN,EUROCARD,TYPE B,LEAD-

# Documents

## Product Drawings

RQ 0603 5K49 0.1% 10PPM 5K RL

English

## CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176371-8_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176371-8_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176371-8_B.3d_stp.zip

English

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## Datasheets & Catalog Pages

SMD Thin Film Precision Resistors - AEC-Q200 Compliant - Type RQ73 Series

English